
ELIS Incident Report

Part A: General Information

Incident ID
1024528-007

County: San Diego	Incident Date: 1/27/2010 through	Year: 2010
State: CA	Total Number: 1	Case #: P-2590
Country: USA	Total Magnitude:	Weather:

Incident Type

<input type="checkbox"/> Aqua. Animal	<input checked="" type="checkbox"/> Terr. Animal	<input type="checkbox"/> Field Study
<input type="checkbox"/> Aqua. Plant	<input type="checkbox"/> Terr. Plant	

Created: #####

Updated: 6/5/2013

Abstract:

On January 27, 2010 the San Diego County Agricultural Commissioner responded to a report of three dogs being poisoned by anticoagulant rodenticides. One of the three dogs died. Diphacinone was detected in a blood sample at 0.711 ppm in the one dog tested. Symptoms included blood in urine. Diphacinone has a blood retention time of 8.42 days (USEPA 2004) indicating that the exposure was a recent one. It is not possible to determine the initial dose of diphacinone from the blood concentration. However, the high concentration of diphacinone in dog blood makes it highly likely that the dogs suffered from diphacinone toxicosis.

Reports

Package #	Incident #	Source	Report Date
024528	007	CA Dept. of Agriculture	3/22/2010

ELIS Incident Report

Part B: Pesticide Information

I024528-007

County: San Diego

State: CA

Date: 1/27/2010

Pesticide: Diphacinone (067701)

Type: R

Use Site: Residential

Product: N/R

Appl. Method: N/R

Appl. Rate: N/R

Formulation: N/R

Air/Ground: N/R

Legality: Undetermined

Certainty: Highly Probable

Given the symptoms, the high concentration of diphacinone in the blood, and the responsiveness of one of the dogs to Vitamin K antidote, it is highly likely the dogs suffered from diphacinone toxicosis.

EHIS Incident Report

Part C: Species Information

I024528-007

County: San Diego

State: CA

Date: #####

1

Species: Dog

Response: Mortality

Sci. Name: Canis familiaris

Magnitude: 1

Taxon: Mammal

Habitat: Residential area

Age:

Distance: N/R

Rt. of Exposure: N/R

Necropsy

Number:

Condition:

Cholinesterase

Number:

Activity: um/g/min
Percent of Normal

Tissue Residues

Sample Type	PC Code	Pesticide	N	Conc. (ppm)
Blood	067701	Diphacinone (as n/r)	1	0.711

2

Species: Dog

Response: Incapacitation

Sci. Name: Canis familiaris

Magnitude: 2

Taxon: Mammal

Habitat: Residential area

Age:

Distance:

Rt. of Exposure: N/R

Necropsy

Number:

Condition:

Cholinesterase

Number:

Activity: um/g/min
Percent of Normal

Tissue Residues

Sample Type	PC Code	Pesticide	N	Conc. (ppm)
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I024528-007

County: San Diego

State: CA

Date: #####

No Data

ELIS Incident Report

Part D: Environmental Measurements

County: _____

State: _____

Date: _____

Common Name _____

PC Code _____

Degredate _____

Concentrations
in ppb

Water

Soil

Sediment

Foliage

Min.

Max.

N

LOD

Description

Concentration

N

LOD

Other Samples

Dissolved Oxygen (ppm)

to

pH

to
